Spatial Data Layers (GIS) request

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In order for the government and trustee teams to evaluate contaminant data, we should request the most current spatial data layers (GIS) that the LWG is using for analysis and mapping.

The format of these data layers should include:

1. **GIS files** (shapefile, geodatabase, grid, image where appropriate)
2. **Explicit projection** (.prj) file (Oregon State Plane North NAD83 International feet)
3. **Symbology** (.lyr) layer file
4. **Metadata** or data dictionary noting author, origin, significant edits, limitations and field meaning.

Data Layers include:

- ☐ Most recent river edge polygon or polygons used for analysis
- ☐ Most recent bathymetry layer (shapefile and grid)
- ☐ Early Action Areas
  - o T4 boundaries and remedial plans (dredging/capping)
  - o McCormick & Baxter
    - ▪ Cap(s)
    - ▪ barrier walls
    - ▪ Engineered structures (riprap etc.)
- ☐ CSM (most recent)
  - o Groundwater pathway
  - o Groundwater plumes
  - o Direction
  - o Others?
- ☐ Transition Zone Water (Site Characterization Report draft 2006 08 07)
  - o Seepage meters locations and data
  - o Groundwater table mapping (isopleths)
  - o Plume mapping
  - o Surface sediment texture interpretations
  - o Discharge zones
- ☐ Human Health Risk Assessment: all GIS layers used for analysis/mapping
  - o Receptor areas (beaches areas) see *Appendix C RI Programmatic Workplan: Human Health Risk Assessment Approach April 2004 (Figures 1a-c).* Broken into “Human Use Areas”. Request most recent version used for analysis and mapping
  - o Beach composite sampling areas (polygon)

- ☐ Ecological Risk Assessment: all GIS layers used for analysis/mapping
  - o Receptor areas (shorebirds, amphibians, wildlife, etc.) spatially explicit used for exposure point concentrations calculations
  - o (BSAF/BSAR) Bioaccumulative summary areas or spatial parameters